

CURRICULUM VITAE



Name: Chemingui Imen

Nationality: Tunisian

Profession: Project Coordinator/Energy Engineer

Birth Day: July 1, 1983

Experience: 10 Years of Experience

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KEY QUALIFICATIONS:

Installation and Project detail:

- Proficiency in HVAC calculation and design
- General Knowledge on chemical process, P&ID...
- Review of Piping plot plan, Isometric drawings...
- General Knowledge on piping system calculation: Pipe, pipeline offshore and onshore
- Coordination between different specialties for all Projects
- Coordination between Design engineers and draughtsman of different specialties

Management:

Managing projects according to QHSE management system and PMI (Project Management Institute) standards.

Practice of the following Software's:

- HAP V4.5 (Hourly Analysis Program)
- Personal calculation notes (Process & HVAC)
- MS project (Project Planning and follow-up)
- Word, Excel, Power Point.
- Microstation, Intergraph
- PDS (Piping Designer, Drawing, Equipment Modeling, Isometric Drawing...)

EDUCATION:

2007: National Diploma of Engineering in Energy (Thermal Systems).

2004-2007: National School of Engineers of Monastir.

2004: National Entrance Exam of Engineers Formation Cycles (Technological Exam).

2002-2004: Preparatory School to Engineering Studies of El Manar.

2002: Baccalaureate Diploma, **Technical section.**

DETAILED PROFESSIONAL EXPERIENCE:

Since 2017: ZODIAC Aerospace as Environment Engineer and Energy Efficiency Project Manager Engineer

Environment Engineer:

- Prepare, review, and update environmental investigation reports
- Design projects leading to environmental protection, such as water reclamation facilities, air pollution control systems, and operations that convert waste to energy
- Obtain, update, and maintain plans, permits, and standard operating procedures
- Provide technical support for environmental remediation projects and for legal actions
- Analyze scientific data and do quality-control checks
- Monitor the progress of environmental improvement programs
- Inspect industrial and municipal facilities and programs to ensure compliance with environmental regulations

Energy Efficiency Project Manager Engineer:

- Managing evaluation projects and/or tasks involving engineering or field data collection elements
- Supervising, training and mentoring a team of energy engineers and analysts
- Analyzing energy performance and reporting the impacts associated with efficiency improvements
- Reviewing and making recommendations on savings calculations performed by other organizations
Imparting knowledge of industry trends, best practices, and evaluation methods
- Performing and training personnel to perform on-site inspections and efficiency assessments
- Verifying installation, operations, and performance characteristics of energy-efficient equipment
- Installing measurement equipment and analyzing measured data, including lighting loggers, power recorders, and other data acquisitions systems
- Leading teams to collectively complete tasks on time and on budget
- Inspect or monitor energy systems, including heating, ventilating, and air conditioning (HVAC) or daylighting systems to determine energy use or potential energy savings
- Identify energy savings opportunities and make recommendations to achieve more energy efficient operation.
- Analyze, interpret, or create graphical representations of energy data, using engineering software.
- Conduct research or collect data on renewable or alternative energy systems or technologies such as solar thermal and photovoltaic energy.

Since 2016: ATS- Engineering worked as a Technical Manager

- Identifying, developing and exploiting new business opportunities
- Meeting goals and setting targets for team
- Ensuring implementation of Scope of work
- Provide regular training to the team
- Coordinate and direct projects, making detailed plans to accomplish goals and directing the integration of technical activities.
- Prepare budgets, bids, and contracts, and direct the negotiation of research contracts.
- Perform administrative functions such as reviewing and writing reports, approving expenditures, enforcing rules, and making decisions.

Since 2011: EPPM s.a « Engineering Procurement & Project Management »

Project Engineering Coordinator Responsibilities

- Review the contracts documents and advise the construction manager of any deficiency.
- Manage and coordinate the multi-discipline engineering work in accordance with the project scope, schedule and procedures.
- Prepare the engineering execution Plan
- Ensure quality through development and implementation of quality plans.
- Preparation of the required man-hour for tenders and preparation of commercial proposal for engineering projects.
- Preparation of technical proposal for EPCC and FEED tender
- Ensure a good flow of communication and coordination between the Engineering disciplines and other departments on the project.
- Participation in HAZOP, HAZID, Work shop
- Weekly and Monthly Progress Report
- The management tools for engineering (schedule, minutes of meeting follow up...)
- QA/QC plan for engineering execution

HVAC Responsibilities

- Proficiency in HVAC design (heating & cooling load calculations), specifications and other technical document submissions and recommend improvements.
- Calculate the design heating & cooling load of proposed building for HVAC and submit to consultant / client for review & approval.
- Design review: ensure that components or systems are safe and meet all applicable codes and standards.
- Prepare HVAC Drawings (HVAC Plan, Schematic, and Balancing) respect to design requirements and contract requirements with coordination of other disciplines and submitted as per the approved schedules to the consultant / client for review & approval.

Detailed Engineering Coordinator Responsibilities

- Supervising and mentoring a team of 55 draftsmen of varied experience, completing all piping layouts prior to job distribution, tutoring on design principles and drawing presentation, planning workload and monitoring progress, interfacing with other disciplines.
- Worked in international projects, using codes ASME, API, BS and ANSI. Piping Lead helping and mentoring personal to attain their goals and company expectations.
- Overall experience includes; drawing office Supervision, introduction and implementation of basic drawing office procedures and best practices. Client liaison for the clearing of technical queries. Man-hour estimation for design projects and change orders.
- Creates strategic and action plans at the executive level of a company to formulate new business ventures. The development officer concentrates on finding and expanding current business into new local, regional, national or international market.

Project Carried

- **Project Engineering Coordinator: Project "Design, Supply and Construction of water storage tank and fire fighting system in BRN for GSA"**

Preparation of all basic and detailed engineering for installation of water storage tank (capacity 12 600m³, fixed roof), piping, control system, electrical system and cathodic protection.

- **Project Engineering Coordinator: Project "Cathodic Protection System Upgrading For Various Field Facilities Project for GNPOC (Greater Nile Petroleum Operating Company) "**

Preparation of all Basic Engineering deliverables like data sheets, specifications, drawings, Material Requisition and also Design Basis Memorandum.

- **Project Engineering Coordinator: Project STBE "SAUDI Technology Base Establishment for Trading" Commissioning & Start-Up**

STBE intends to carry out a project for a recycling Used Lube Oil Plant in Riyadh in Kingdom of Saudi Arabia KSA.

STBE will treat 40 000 tons/year of used lube oil feedstock to remove impurities, inerts & condensable hydrocarbons, and will produce mineral base-oils (150 N and 500 N /600 N) from collected used lube oils according to SOTULUB Process" ref 15 380 registered in PARIS on 13th Sep 1996.

- **HVAC Engineer: Project "EPC PACKAGE SEWAGE TREATMENT PLANT STAGE 1" Royal Commission intends to construct a Sanitary Wastewater Treatment Plant (SWTP) with a capacity of 12,500 m³PP3PP/day. The phase 1 treatment capacity is of 8,333 m³PP3PP/d, which will be expanded in phase 2 by a capacity of 4,167 m³PP3PP/d.**

My involvement in this job is for preparation of hvac studies: Thermal loads calculation and simulation using HAP v4.5, hvac specification, requisition, General HVAC Layouts, Cross-sectional drawings, Air flow diagrams.

- **HVAC Engineer: Project "NEW DESALINATION UNIT, LIFECO, MARSA EL BREGA LIBYA"**

My involvement in this job is for preparation of hvac studies: Thermal loads calculation and simulation using HAP v4.5, hvac specification, requisition, General HVAC Layouts, Air flow diagrams.

- **HVAC Engineer: Project "(EPCC) FOR EXPANSION OF WELLPAD A AND WELLPAD Q FOR PETRONAS CARIGALI IRAQ HOLDING B.V.GARRAF OPERATIONS"**

My involvement in this job is for preparation of hvac studies: Thermal loads calculation and simulation using HAP v4.5, hvac specification, requisition, General HVAC Layouts, Cross-sectional drawings, Air flow diagrams.

- **HVAC Engineer: Project "EPC PACKAGE SEWAGE TREATMENT PLANT STAGE 2"**

The RC is also planning to construct an Industrial Wastewater Treatment Plant (IWTP) adjacent to the SWTP. The IWTP will be completed by others under an EPC Contract. It is intended that common elements for the SWTP and IWTP will be shared between the two Treatment Plants. After construction is completed the two facilities will be managed as one integrated site.

My involvement in this job is for preparation of hvac studies: Thermal loads calculation and simulation using HAP v4.5, hvac specification, requisition, General HVAC Layouts, Cross-sectional drawings, Air flow diagrams.

Since 2008 at 2010: ATS- Engineering worked as a Piping Design Engineer

My involvement in this job is for preparation of Piping & equipment modeling, Isometric Extraction, piping drawing extraction in PDS.

Project carried: SHAH GAS, TOTAL CLOV, BERKAOUI, OMV BAMGARTOON, OMV NEUTRETIF, SANNAZARRO, EL MERK...

- Equipment and piping 3D modeling using PDS.
- Support modeling
- Model design review using design review
- Preparation and checking of General Arrangement Drawings and Isometric using Drawings Manager (PDS).

LANGUAGE SKILLS:

	Spoken	Written	Read
Arabic :	Mother Tongue		
French :	good	good	good
English :	good	good	good

HOBBIES AND ENTERTAINMENT:

Sport, Reading books, Dance, Cinema, Travel...